



Image may differ from product. See technical specification for details.

## 29952

**Radial shaft seal with double metal case, SKF Wave lip and auxiliary, non-contacting lip, for oil or grease**

Radial shaft seals are used between rotating and stationary machine components, or between components in relative motion. CRWHA1 seals are designed with a double metal case, an SKF WAVE lip made of elastomer with a higher pumping rate to reduce heat generation, a garter spring to optimize sealing against the shaft, and a dust lip to improve contamination exclusion. Most of the seals feature the SKF Bore Tite coating on the outside diameter that helps fill small imperfections in the housing bore.

- For oil or grease
- With garter spring
- WAVE lip creates higher pumping rate
- WAVE lip has less friction between shaft and lip
- WAVE lip has a lower temperature at the contact point

Overview

Dimensions

|                       |           |
|-----------------------|-----------|
| Shaft diameter        | 76.2 mm   |
| Housing bore diameter | 101.68 mm |
| Seal width            | 11.13 mm  |

Performance

|                                   |             |
|-----------------------------------|-------------|
| Limiting speed                    | 2 400 r/min |
| Maximum operating temperature     | 100 °C      |
| Minimum operating temperature     | -40 °C      |
| Permissible circumferential speed | 9.55 m/s    |
| Rotational speed                  | 2 400 r/min |

Properties

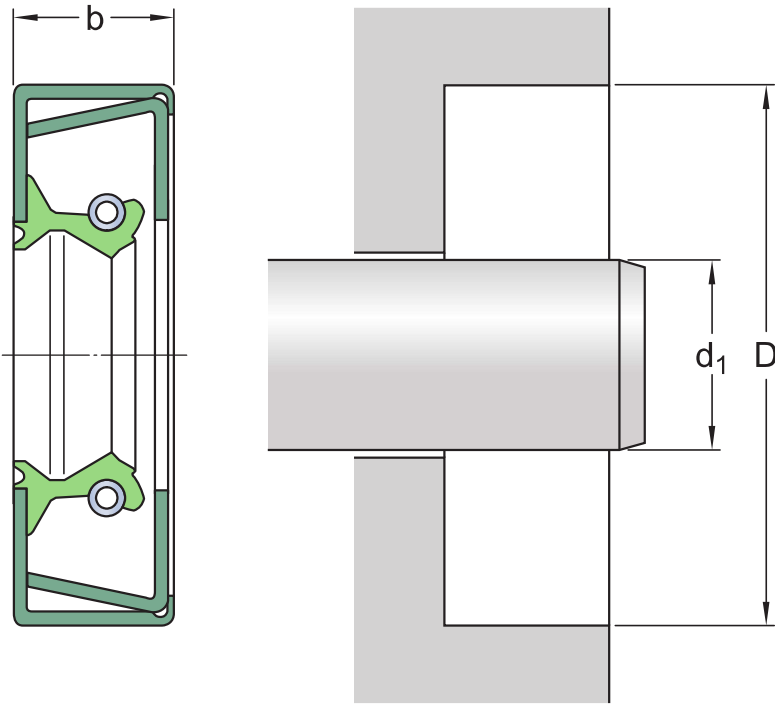
|                          |                                                          |
|--------------------------|----------------------------------------------------------|
| Design                   | CRWHA1                                                   |
| Auxiliary lip            | Yes                                                      |
| Sealing lip material     | Nitrile rubber (NBR)                                     |
| Type of outside diameter | Metal-cased with sealant coating on the outside diameter |
| Unit system              | Inch                                                     |

Logistics

|                    |             |
|--------------------|-------------|
| Product net weight | 0.0907 kg   |
| eClass code        | 23-07-08-01 |
| UNSPSC code        | 31181602    |

Technical specification

|                          |                                                          |
|--------------------------|----------------------------------------------------------|
| Type of outside diameter | Metal-cased with sealant coating on the outside diameter |
| Lip material             | Nitrile rubber (NBR)                                     |
| Seal design              | CRWHA1                                                   |



Dimensions

|                |           |                       |
|----------------|-----------|-----------------------|
| d <sub>1</sub> | 76.2 mm   | Shaft diameter        |
| D              | 101.68 mm | Housing bore diameter |
| b              | 11.13 mm  | Seal width            |

Application and operating conditions

|                       |                        |
|-----------------------|------------------------|
| Operating temperature | min. -40 °C            |
| Operating temperature | max. 100 °C            |
| Circumferential speed | max. 9.55 m/s          |
| Rotational speed      | max. 2 400 r/min       |
| Pressure differential | 0.07 N/mm <sup>2</sup> |

Associated products

|                   |       |
|-------------------|-------|
| SKF Speedi-Sleeve | 99291 |
|-------------------|-------|

Compatible products

Recommended product

|                   |                       |
|-------------------|-----------------------|
| SKF Speedi-Sleeve | <a href="#">99291</a> |
|-------------------|-----------------------|



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